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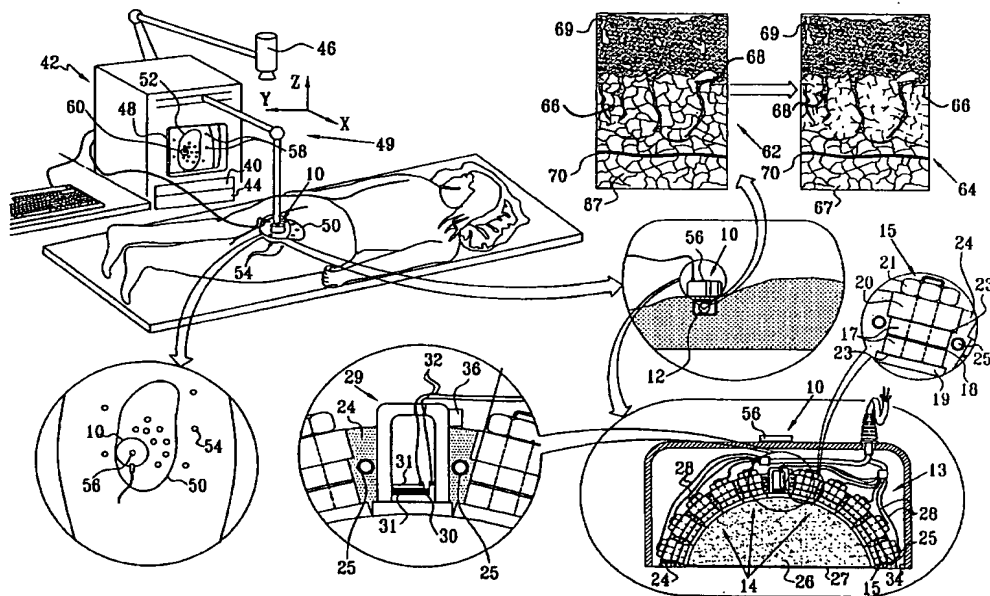
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- (21) International Application Number: PCT/IL2002/000510 (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.
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- Published: — with international search report

[Continued on next page]

(54) Title: DEVICES AND METHODOLOGIES USEFUL IN BODY AESTHETICS



(57) Abstract: A methodology and system for lysis or induction of apoptosis in cellulite and fat including directing ultrasonic energy at a multiplicity of target volumes within the region, which target volumes contain cellulite and fat, thereby to selectively lyse or induce apoptosis in the cellulite and fat in the target volumes and generally not lyse or not induce apoptosis in non-cellulite and non-fat tissue in the target volumes and computerized tracking of the multiplicity of target volumes notwithstanding movement of the body.

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## INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL02/00510

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(7) :A61B 5/055

US CL :600/439, 459; 601/2; 604/22

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 600/439, 459; 601/2; 604/22

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X	US 5,507,790 A (WEISS) 16 April 1996, col. 10, lines 20-30, col. 11, lines 5-35.	1-3, 22-24, 55-59 78-80, 112-116 135-137, 154-157 191-193
A	US 5,143,073 A (DORY) 01 September 1992, col.2-4.	269-274
X	US 5,143,063 A (FELLNER) 01 September 1992, col. 3-5.	1-3, 22-24, 78-80 135-137, and 191 193
A	US 4,986,275 A (ISHIDA et al) 22 January 1991 col.2, lines 25-65.	227-285

☒ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier document published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"G" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 19 MARCH 2003	Date of mailing of the international search report 25 APR 2003
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Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231 Facsimile No. (703) 305-3230	Authorized officer  JEYU LIN Telephone No. (703) 306-5990
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## INTERNATIONAL SEARCH REPORT

International Application No.  
PCT/IL02/00510

## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6,071,239 A (CRIBBS et al) 06 June 2000, see entire doc.	1

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/IL02/00510

## Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This international report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☒ Claims Nos.: 4-21, 25-40, 45-54, 60-77, 81-97, 102-111, 117-134, 138-153, 158-167, 173-190, 194-196, 198-210  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.  
☐ No protest accompanied the payment of additional search fees.